Survey
Industrial Aerobotics can assist Survey and Construction companies in all phases of a project. Using high-resolution aerial images to deliver initial Site Surveys, Topographic Maps, 2D and 3D models, and accurate volumetric data. Survey-grade accuracy provides immediate reliable data for project estimates, civil survey designs, and construction stake-outs.

BIM Support
Analyze as-built site data using easily updated orthophotos or 3D models created from images. On the cloud platform, conduct measurements, compare the current build with design drawings, then share results.

Client Oriented Expertise
Our pilots and data processing staff came to us after many years of field work in the survey and construction industry. With practical experience in our clients field, we are able to ensure the products we deliver meet our clients needs.

Inspections
Our inspection services build on our support of the construction process. The same data products are able to be produced for long standing or newly constructed assets to allow for inspections or certifications.

Progress Monitoring
Daily or Weekly flights delivered to construction project managers, general contractors and survey managers allow for timely, cost effective and accurate decision making. This allows site progress to be tracked easily, allows for better resource management and ensures projects are kept on schedule and under budget.
Mapping

Through the use of state-of-the-art technology, an expert staff and precise planning; we deliver and execute mapping, surveying, modeling and media projects with desired results.

urban design
Asses potential and visualize options for projects using Figure-ground mapping, Typological analysis and Walk-through analysis

surveying and mapping
Verify existing surveys or generate new surveys for construction projects or develop mapping solutions for visualization and analysis

planning and zoning
Engineering drawings for project planning and zoning needs

construction support
Imaging and analysis products to provide construction support to field personnel, project managers or stakeholders

repair and maintenance
Imaging, mapping and modeling of structures in support of estimating, maintenance or repair activities

Industrial Aerobotics can provide end-to-end support for all Imaging, Mapping, Survey and GIS Modeling services for many industries. Some of the most common use cases we provide services for are:

RAILWAY STRUCTURES
ROAD AND HIGHWAY DESIGN
STREET IMPROVEMENT PLANS
DAMS AND BRIDGES
FLOOD CONTROL
EROSION CONTROL
SEWER AND SANITATION
PARKS AND RECREATION